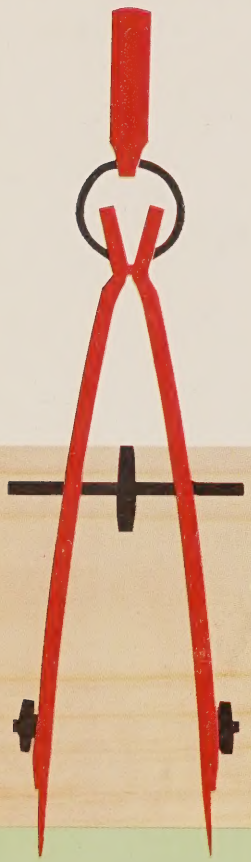
modern
design
with
west coast
lumber
ESTERN RED CEDAR

index

	Page
Suburban Bank	4
Contemporary Home Interior	6
Shopping Center Mall	8
Travelers' Rest	10
Multiple Unit Housing Development	12
Urban Renewal Office Building	14
Convalescent Hospital	16
Motel Office and Restaurant	18
Modern Office Building	20
Community Hospital	22
Novelty Restaurant	24
Suburban Shopping Center	26
Contemporary Apartment House	28
Medical Clinic	30
Residential Service Station	32
Airport Motor Hotel	34
Golf and Country Club	36
Place of Worship	38
West Coast Lumber Grading Rules	39
West Coast Douglas Fir Use Book	39



SITKA SPRUCE

WHITE FIR

west coast lumbermen's ASSOCIATION

1410 S. W. MORRISON STREET, PORTLAND 5, OREGON

ideas are relatively easy to interpret on the drawing board. But their translation into practical, beautiful buildings is most often dependent on the adaptability of the building material. This factor becomes even more important in the face of pre-established financial limits, when availability of manufactured sizes and grades, plus many other physical characteristics, must be considered.

This book illustrates the versatility and capability of the standard sizes and grades of West Coast Lumber. It shows how this Coast region material has met design and financial requirements for a wide range of building types.

Problem-solving West Coast Lumber—West Coast Douglas Fir . . . West Coast Hemlock . . . Western Red Cedar . . . Sitka Spruce . . . White Fir . . . is available from your retail lumber dealer.

MODERN

DESIGN

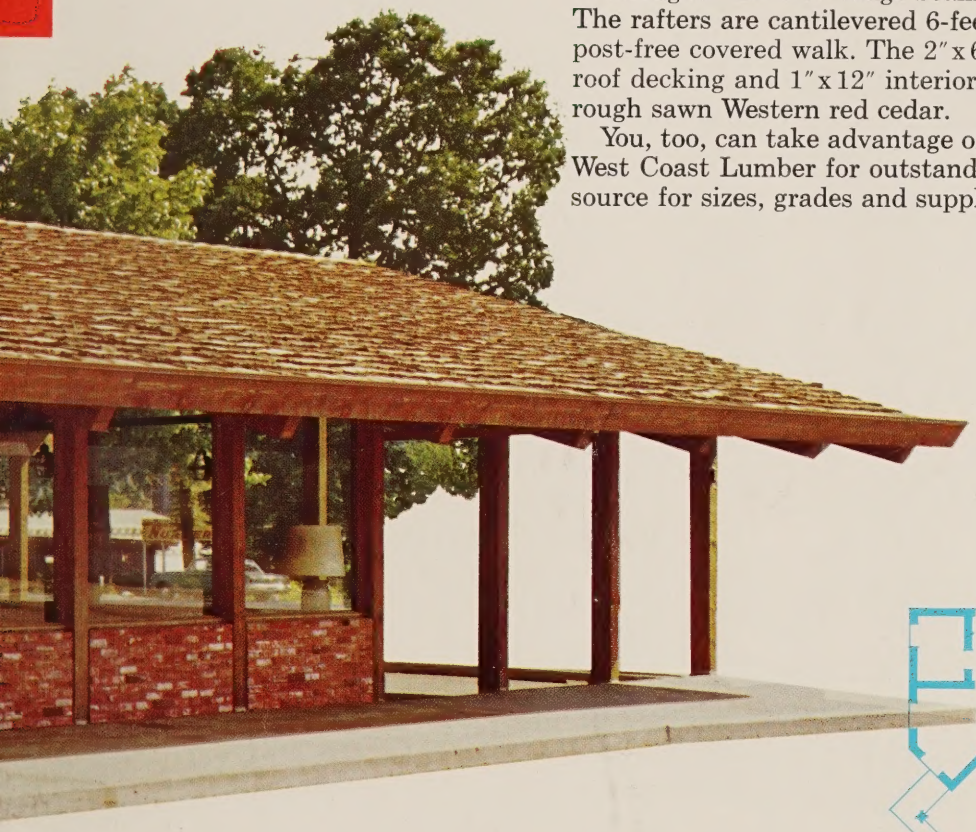
USES WEST COAST LUMBER

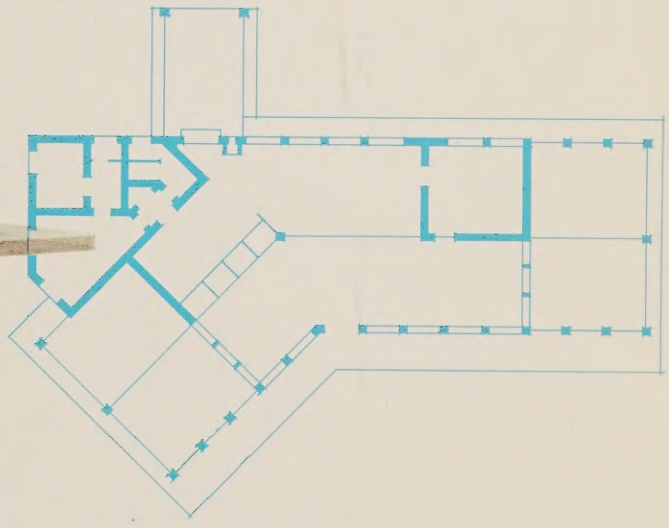
WEST COAST DOUGLAS FIR • WEST COAST HEMLOCK •
WESTERN RED CEDAR • WHITE FIR

The friendly appeal and air of hospitality created through the use of West Coast Lumber readily adapts this bank building to its suburban location. A rustic, rough sawn texture in timbers and sidewall paneling brings an atmosphere of strength, providing a comforting feeling of security for bank customers. Among the design objectives was expandability, answered perfectly here by completing a full-size roof structure, then enclosing only a center section. The covered areas enhance the appearance and lengthen the building line and may be enclosed at any time at minimum cost.

The West Coast Douglas fir timbers add visually to the impression of strength—10″ x 12″ ridge beams, 6″ x 12″ rafters and 8″ x 12″ plates. The rafters are cantilevered 6-feet beyond the wall to support a post-free covered walk. The 2″ x 6″ tongue and groove roof decking and 1″ x 12″ interior and exterior wall paneling is rough sawn Western red cedar.

You, too, can take advantage of the design flexibility provided by West Coast Lumber for outstanding building. Your local information source for sizes, grades and supply is your closest lumber dealer.





Architects: Logan & Murtaugh, A.I.A.
OAK GROVE BRANCH
FIRST STATE BANK
OAK GROVE, OREGON

Architect: Robert J. Peterson

MODERN DESIGN

USES WEST COAST LUMBER

WEST COAST DOUGLAS FIR • WEST COAST HEMLOCK •
WESTERN RED CEDAR • WHITE FIR

Modern design takes on new warmth when you bring the outdoor beauty of Western red cedar bevel siding indoors. Here is a striking use of another versatile West Coast lumber product.

The pattern created by ½″ x 4″ siding gives spaciousness to a small room, and provides an easy-upkeep background for colorful furnishings.

A hillside view site provided the problem, and a combination of West Coast lumber species brought the solution. West Coast Douglas fir framing lumber formed the sturdy floor, walls and roof of the basic home. Fir beams extend from the foundation to support the deck. The unusual outside wall pattern was achieved with the same ½″ x 4″ Western red cedar bevel siding used inside, but applied at an angle of 45 degrees.

This cedar is also striking in more formal, traditional styling. Manufactured in 4″, 5″, 6″, 8″, 10″ and 12″ widths, its shadow pattern adds character to any size building . . . from a small budget home to a stately multiple dwelling unit such as the one below.

West Coast lumber versatility is the incentive for imaginative design . . . highly practical from drawing board to completed structure. And you have a local source of supply . . . your nearby lumber dealer.

Architects:
Johnson, Wallwork & Dukehart, A.I.A.
Original Building

James S. Gathercoal, A.I.A.
Expansion Wing

MODERN DESIGN

USES WEST COAST LUMBER

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE • WHITE FIR

Architect:
Richard Sundeleaf, A. I. A.

The friendly feeling so often lacking in commercial establishments is achieved in this suburban shopping center through the bold use of West Coast Lumber.

The architect chose the natural beauty of West Coast Douglas Fir and West Coast Hemlock to "express compatibility with the surrounding community, a predominantly residential area with a bent for outdoor living."

Strength and permanence are evident in the rugged 4″ x 8″ West Coast Douglas Fir beams that form an interesting roof pattern in the mall. These beams are arranged to provide recessed lighting in spaces that alternate between skylights and fluorescent fixtures.

The soft, living glow of West Coast Hemlock 1″ x 8″ tongue and groove paneling extends the design theme of sincere, inviting warmth throughout the mall and into every store. The adaptability of this unique material is seen in its use for both ceilings and walls in shop interiors and exteriors. The West Coast Hemlock paneling used is a standard size, providing unusual economy in construction. West Coast Douglas Fir vertical grain trim completes the design objective.

Pigmented stains are used to provide contrasting colors in beams, walls and ceilings, while preserving the beauty of the wood's natural grain.

Enduring strength and beauty . . . complete versatility . . . practicality . . . availability . . . these are the attributes of West Coast Lumber that inspire Modern Design . . . that will create striking reality from *your* imagination. Complete information on sizes, grades and supply awaits at your nearby lumber dealer.

MODERN DESIGN
USES WEST COAST LUMBER

Village Green Motel, Cottage Grove, Oregon

IMAGINATIVE INTERIOR GLOWS WITH WARMTH

West Coast Hemlock paneling highlighted with varied grain patterns forms a setting for a striking staircase of laminated West Coast Douglas Fir.

Architect: Percy D. Bentley, F.A.R.A.
Interior Design: Arthur Morgan, A.I.D.

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE • WHITE FIR

"An invitation to relax" was the architect's purpose so well expressed in this tempting new resort motel. The invitation is extended warmly by West Coast Lumber . . . the material chosen to achieve the design objective throughout.

The appeal of western informality is created by the broad use of West Coast Douglas Fir, West Coast Hemlock and Western Red Cedar to highlight the ranch styling. The living, natural beauty of these materials attains the architect's goal of "elegance with simplicity."

Rough-sawn West Coast Douglas Fir beams are used in the roof and for exterior posts to form a bold expression of strength.

"Gracious, but not grandiose" is the designer's term for the interiors that radiate the soft warmth of 1″x8″ West Coast Hemlock tongue and groove paneling.

Exteriors reflect the rich tones of rustic Western Red Cedar 1″x12″ boards and 1″x2″ battens.

West Coast Lumber materials used in this outstanding design example are all standard sizes, contributing to the economy and ease of construction.

West Coast Lumber possesses the practicality, the versatility to accomplish the tasks *your* imagination sets. Complete information on sizes, grades and supply awaits at your nearby lumber dealer.

MODERN DESIGN

USES WEST COAST LUMBER

WEST COAST DOUGLAS FIR • WEST COAST HEMLOCK
WESTERN RED CEDAR • SITKA SPRUCE • WHITE FIR

"How can we give a row-housing development the character of individual homes . . . economically?" was the design problem. The answer reached by these architects was the liberal use of imagination . . . with practical West Coast Lumber as the primary building material. This award-winning project at the University of Washington is one of the year's best examples of lumber's design and color versatility in the creation of a warm family feeling in a series of housing units.

Architects: Bassetti & Morse, A. I. A.

Located on a site of 32,000 square feet, the two and three-story structures house a total of 39 family living units. Careful site planning eliminates vehicle traffic inside the development to insure safe play areas for children. Automobile parking is planned for the perimeter of the area. Two and three-bedroom units are entered at the ground level with the bedrooms on the second floor. One-bedroom units on the third floor are accessible by a network of bridges and balconies.

The variation in roof lines and the off-setting of units one from another defines each "private house."

The entire development was built on a framework of standard sizes of West Coast Douglas Fir—4″ x 4″, 2″ x 4″, 2″ x 8″ and 2′ x 10″. A 2-hour fire-resistant rated wall, composed of 4″ x 4″ framing covered with two thicknesses of $\frac{5}{8}$″ sheetrock, extends vertically to separate each three-apartment unit.

Exterior siding of 1″ x 8″ Western Red Cedar stained a variety of colors gives further expression of individuality and warmth.

This is another example of the use of high performance West Coast Lumber to meet a specific objective economically. Complete information on sizes, grades and supply is available in your community . . . call your local lumber dealer.

MODERN DESIGN

USES WEST COAST LUMBER

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

Here is another handsome and functional building that was constructed swiftly and economically, thanks to the architect's ingenuity and West Coast Lumber's practical versatility. The building is situated to take full advantage of a beautiful view and good light on its eastward-facing lot.

The rigid frames that give bold character to the building's modern design are glue-laminated, pressure treated West Coast Douglas Fir. The 13 frames were assembled on the job and erected in a day. To provide maximum floor space and allow parking for 14 automobiles, these frames are cantilevered 4 feet beyond the 20-foot width of the daylight basement. Usable floor area in the 24′x100′ building totals 6500 square feet. All of this is located on a 60′x100′ urban renewal area lot.

The roof deck is 2″x6″ West Coast Douglas Fir roof plank, milled with an acoustical pattern and left exposed in the ceiling. Similarly, each floor uses 3″x6″ West Coast Douglas Fir milled with the same pattern. The only permanent interior partitions enclose the stair well in the center of the building.

Enclosed behind the screen of 2″x2″ Western Red Cedar at each end of the building, are the heating and air conditioning units for each floor. The equipment is mounted on a cantilevered, nail laminated deck of 2″x4″ West Coast Douglas Fir. This feature releases still more interior floor space.

Another interesting feature is the blending of the creosote color resulting from pressure treatment of the rigid frames with a complementary color. Pigmented stain was applied to the screen at the end of the building and to the 2″x8″ Western Red Cedar exposed blocking between the frames.

Standard sizes of West Coast Lumber are designed into this functional structure which costs approximately $15.00 per square foot.

Give freedom to your imagination with versatile West Coast Lumber. Complete information on sizes, grades and supply awaits you at your nearby lumber dealer.

Architects: Shell and Hoyt, A. I. A.

MODERN DESIGN

USES WEST COAST LUMBER

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

A homelike atmosphere replaces the customary institutional appearance in this Oregon convalescent hospital constructed with versatile West Coast Lumber. The adaptability of wood to the design objective also produced lower cost.

The 76-bed nursing home is built on a framework of West Coast Douglas Fir—2″ x 4″ and 2″ x 6″ wall framing and 2″ x 8″ rafters. Included are 20 two-bed and 12 three-bed rooms, two day rooms, two nurse stations, dining lounge, kitchen and a fully equipped laundry. Total square feet of floor area is 16,464.

A two-hour fire-resistant rated wall, composed of two thicknesses of 5/8″ sheetrock applied to a framework of 2″ x 6″ West Coast Douglas Fir, separates 5,200 square foot units of the building. Exterior masonry at the firewall points satisfies a requirement for extension of fire protection the width of the eaves from ground level.

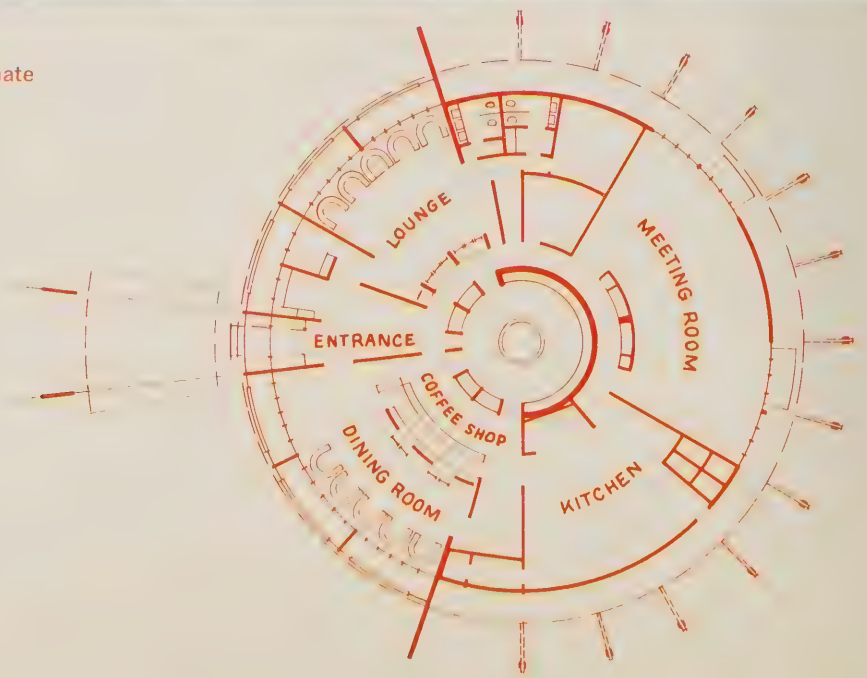
Colorful stains, applied to 1″ x 8″ Western Red Cedar tongue and groove siding, offer bright, gay accents. Soffits and the underside of the entrance are covered with 3/4″ x 10″ cedar bevel siding.

Economy, one of the requirements of this convenient, efficient nursing home, was achieved by a shortened construction period and use of readily available, easy-to-use materials. Results were evident in a lower per-bed cost, and in the fact that owners received patients sooner, and began to receive a return on their investment in a shorter period of time. Similar structures have been built for nursing care and are operating in Texas, Utah, California, Oregon and Washington.

This is one of many uses of practical, dependable West Coast Lumber, employed to meet specific modern design objectives. You have a local source of supply—ask your lumber dealer about sizes, grades of versatile West Coast Lumber.

Architects:
E. L. Mills and Ass

Architect: David Jacobson, Jr., A. I. A.
James Coppedge, Design Associate



MODERN DESIGN

USES WEST COAST LUMBER

A design idea that utilizes the full commercial advantages of distinctive shape has been accomplished at no increase in cost over conventional forms with this interesting courtel office-restaurant in which West Coast Lumber is the principal building material. Thanks to versatile use of space, the building also functions as a community banquet hall, which can be partitioned for meeting rooms.

The round building form, offering excellent traffic circulation plus the pleasing effect of an open patio in the center, demonstrates the design flexibility available with West Coast Lumber. Exterior walls are a combination of masonry and West Coast Douglas Fir. Glue laminated beams, 7″ x 28″ alternated with 4″ x 16¼″, provide basic roof support. Into these are framed 2″ x 12″ West Coast Douglas Fir joists to carry the flat roof.

By carefully coordinated building and landscape planning, it was possible to eliminate special roof drains, since the broad overhang on both outside and inside perimeters drains directly on areas designed to receive rain water.

A variety of West Coast Lumber species were used for the building interior, with stains and clear finishes on natural wood paneling offering room-to-room variety while maintaining pleasing harmony throughout.

Whatever building shape excites your imagination, you'll find that versatile, practical West Coast Lumber offers you freedom to execute your ideas . . . with economy that will give your clients an extra bonus. Ask your nearby lumber dealer about the wide variety of sizes, grades and species of high-performance West Coast Lumber.

VEST COAST DOUGLAS FIR
VEST COAST HEMLOCK
VESTERN RED CEDAR
ITKA SPRUCE
VHITE FIR

MODERN DESIGN

USES WEST COAST LUMBER

This neat, stylish office building in a fast-growing Western community was designed for flexibility of use which will keep it practical and income-producing for many years. West Coast Lumber gives warmth and beauty to the exterior, and is the ideal material for interior walls and partitions which can be altered to suit the needs of whatever combination of tenants the future brings.

Post-and-beam construction is the key to versatility, since it allows free-standing interior walls throughout the interior of the 40′ x 176′ building. These inside walls are built on West Coast Douglas Fir 2″ x 4″ studs, and entire sections can be removed, installed, or re-positioned as needs change.

Glue laminated beams, varying in size from 9″ x 27½″ to 9″ x 21″, support first floor, second floor and roof, with space beneath the first floor to allow for any future changes in plumbing or other utility access. Floors and the flat roof are West Coast Douglas Fir 2″ x 6″ tongue and groove decking, fastened to Douglas Fir purlins spaced four feet apart.

The rich, interesting texture of rough-sawn 1″ x 4″ tongue and groove Western Red Cedar brings warmth to the geometric lines of the curtain-wall exterior. Floor-to-ceiling glass provides natural light, with extremes of solar heat and light prevented by a series of vertical screens of rough Western Red Cedar 1″ x 2″ spaced ¾″ apart.

An added attraction is the covered walkway adjacent to a large parking lot, serving multiple entrances. This was accomplished by the cantilevering of the second floor, thus providing extra space as well as weather protection.

West Coast Lumber's versatility helped solve design and construction problems at every step in this handsome, useful building. It can help you solve your problems, too. Ask your nearby lumber dealer about sizes and grades of beautiful West Coast Lumber.

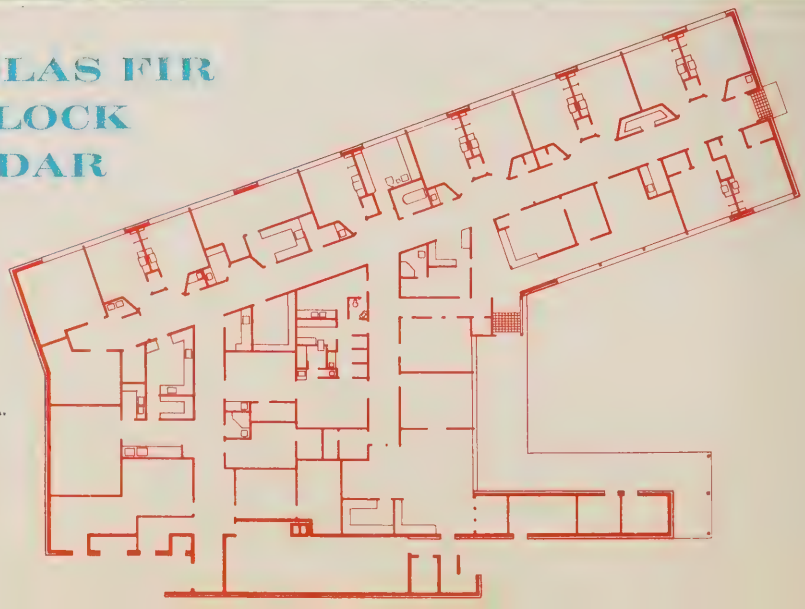
WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

Architects: Wilmsen, Endicott & Unthank, A. I. A.

MODERN DESIGN

Uses WEST COAST LUMBER

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR



Architect: HOWARD LEONARD GLAZER, A.I.A.
in association with DOUGAN & HEIMS, A.I.A.

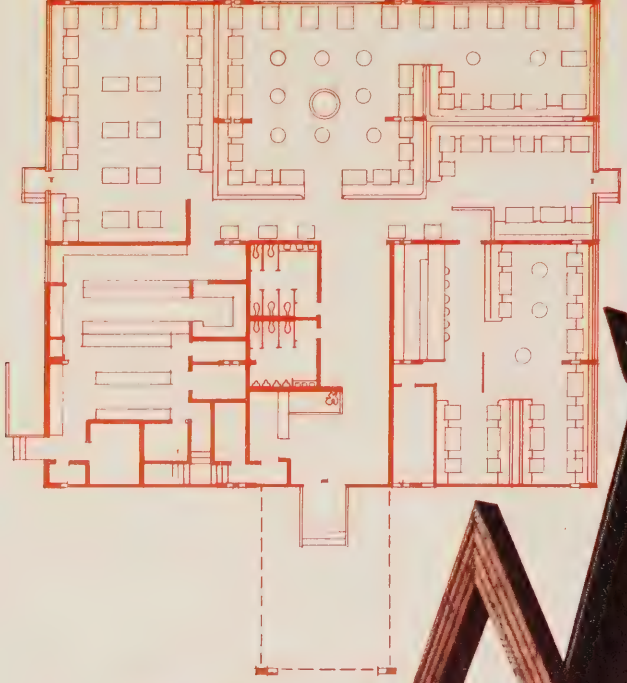
With the future in mind, this tax-supported district hospital in Bandon, Oregon is designed to grow with the communities it serves.

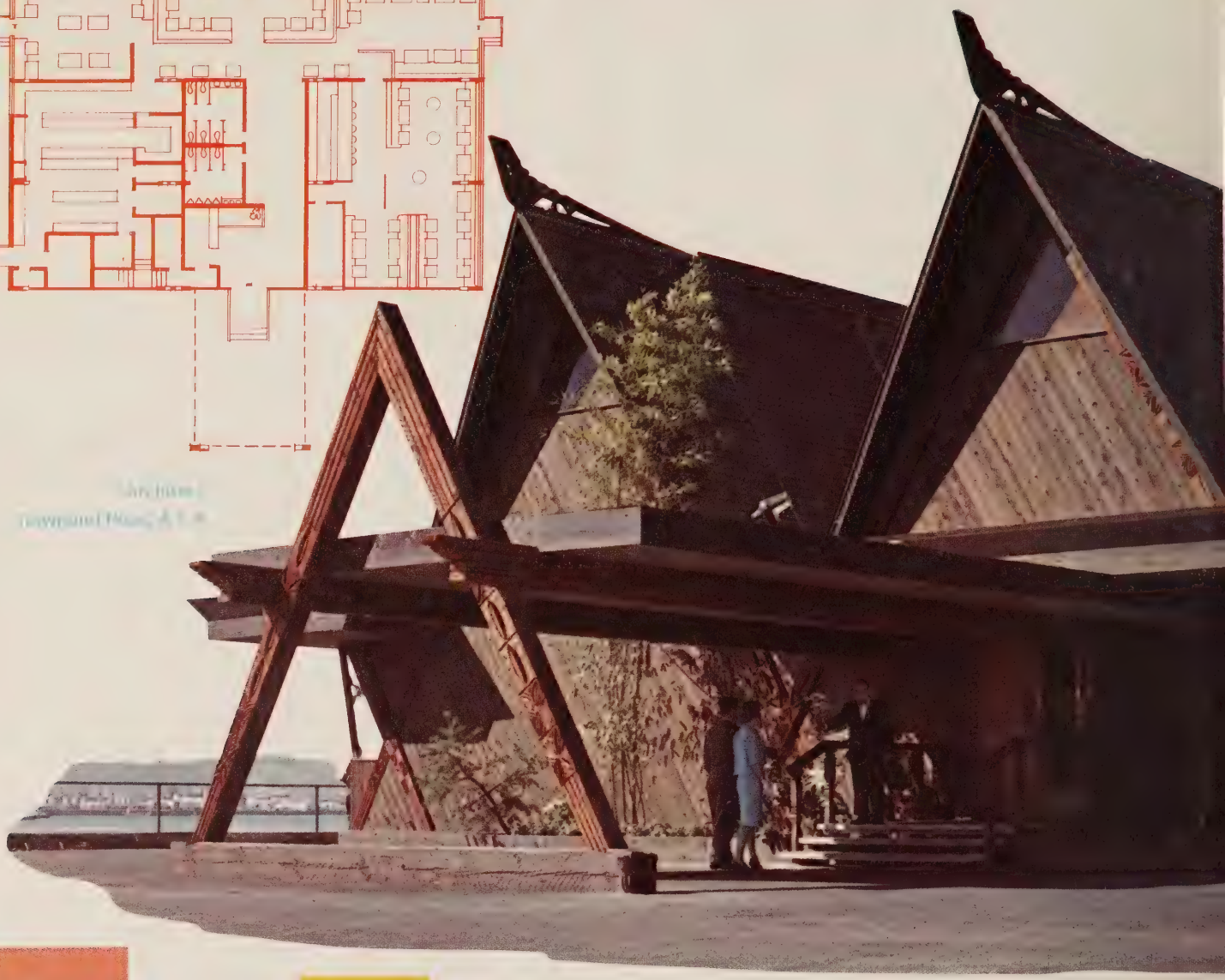
The heating plant, storage rooms and ambulance entrance are grouped along the street and parking area. This section also serves as a sound barrier. The surgery, laboratory, x-ray and other service rooms are located between the street side area and the 20-bed wing that extends 177′ along the bluff above the ocean, affording a spectacular view for the patients. The main entrance to the waiting room and administrative offices is reached via a covered walkway through the court from the street.

Since the building is subjected to constant salt air spray, low maintenance was a materials selection factor. The architect specified 1″ x 4″ tongue and groove Western Red Cedar siding applied vertically. A bleaching agent was used as an exterior finish to accelerate the natural weathering of red cedar to a silvery gray color.

Framing for the entire hospital is West Coast Douglas Fir in sizes of 2″ x 4″, 2″ x 6″, 2″ x 8″ and 2″ x 10″. The roof is 1″ x 8″ fir shiplap applied diagonally on 2″ x 10″ joists.

The low per bed cost for this hospital is the result of sound planning and taking advantage of the economies provided by frame construction. The standard sizes of West Coast Lumber present many design possibilities for creating economical and practical buildings for many uses. Consult your retail lumber dealer. He will explain the ready availability of West Coast Lumber for your design and specifications.





MODERN DESIGN

Uses

WEST COAST LUMBER

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

The character and colorful atmosphere of the South Pacific is designed gracefully into this specialty restaurant, located on the brink of Puget Sound, only a short walk from busy downtown Seattle. The Polynesian long house influence is reflected in a modern adaptation of the "A" frame type of construction. West Coast Lumber simplified the architect's requirements and at the same time maintained the dignity of the design objective.

The 80′ x 90′ structure is an example of utilizing heavy West Coast Douglas Fir timbers to meet building code requirements in a No. 1 fire zone. The solid 10″ fir timbers taper from 9″ at the base to 21″ at the top and each is handcarved with an authentic Polynesian design. Interior one-hour fire resistant walls are ⅝″ sheet rock applied to 2″ x 4″ fir framing. The floor joists are 2″ x 12″ West Coast Douglas Fir and the interior wall partitions are of 2″ x 4″ of the same dependable species.

Arch beams of Douglas Fir, spaced 20′ on centers, form the three roofs of the structure. The peak of each is decorated with a hand carving in Western Red Cedar to duplicate the prow of a native war canoe. Forming the roof and interior ceiling is 4″ x 6″ West Coast Hemlock tongue and groove roof decking. The restaurant is on piling extending 20′ above the water. Its exterior is 1″ x 8″ Western Red Cedar tongue and groove siding applied at a 57 degree angle to the arch of the frame.

Here is another example of adapting imagination to the practical use of standard sizes of West Coast Lumber. This same dependable lumber is available at your local lumber dealer.

MODERN DESIGN USES WEST COAST LUMBER

Buildings with customer appeal are important in modern competitive merchandising. This shopping center illustrates the architect's imaginative use of economical Coast Region West Coast Lumber to bring about a pleasing result while meeting his design objective.

Located in the Oregon coastal community of Reedsport, this well planned center attracted such a demand for space that the owners started expansion plans before the structure was completed. Situated on a four-acre site, shopping center has a floor area of 28,000 square feet with additional 12,000 planned. The parking area accommodates 180 automobiles.

Flexibility of rental space was a major consideration in the design of the building. To permit adaptation of floor space to tenant requirements, 7″ x 26″ West Coast Douglas Fir glue laminated beams of 45′ and 47′ span the width of the building. These are supported by glue laminated posts 7″ x 7⅝″ ranging in length from 12½′ to 15½′ spaced 15′ o.c.

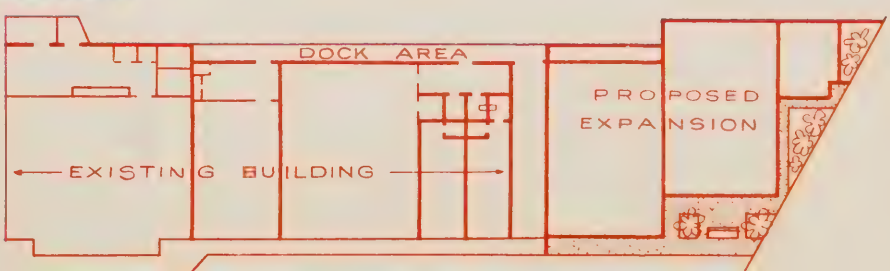
Interior wall partitions are 2″ x 6″ Douglas Fir covered with various wood panelings to form attractive backgrounds for merchandise displays. The exterior walls are framed with 2x6s and the roof joists are 2x10s.

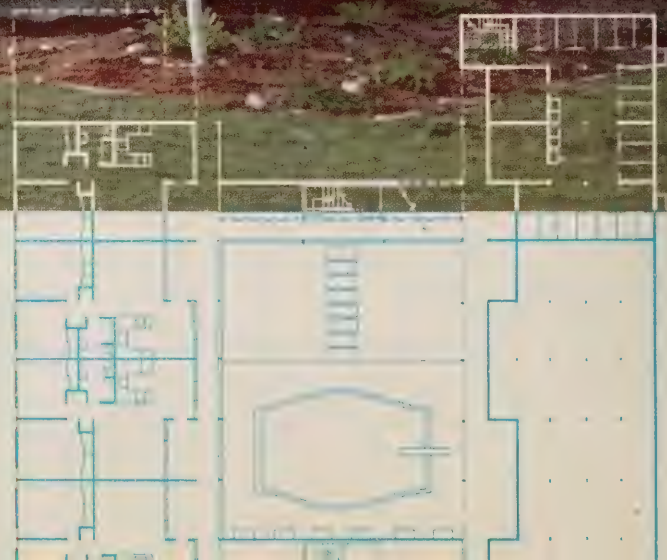
Soffits for the building and the covered walkway are built with 3″ x 6″ West Coast Hemlock decking shaped into a modified folded plate design. Posts supporting the 4″ x 12″ solid beams are made of two 2″ x 6″ with short lengths of 4″ x 4″ inserted between the two longer pieces. Fascia boards are 2″ x 8″ Douglas Fir. Exterior siding is 1″ x 8″ Western Red Cedar.

The standard sizes and grades of Coast Region West Coast Lumber will adapt themselves to individual design requirements of your clients for nearly any type of building. Your local source of information is your retail lumber dealer.

Designed By:
R. H. Erichsen and Associates
Bruce Harlan, Architect
Edward W. Riley, Engineer

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR





WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

MODERN DESIGN

Uses WEST COAST LUMBER

ARCHITECTS: Robert Adair Parker, A.I.A.
Russell N. Garrison

An invitation to modern living is graciously expressed with West Coast Lumber for this Tacoma, Washington, apartment building. Designed for relaxed and informal living, the 19 two-bedroom apartments are located along each side of the 118′x132′ two-story structure. Each apartment faces an inside court that is accented by a swimming pool with adjacent lawn areas.

Off street privacy is gained with a single pedestrian entrance onto the court and a parking area at the rear of the building. Five well-located stairways lead to spacious covered decks connecting all second floor apartments.

Supporting the conventional 2″x8″ joist system for the first floor are nail laminated beams made of three 2x12s spaced 12′ o. c. and supported by 6″x6″ posts in the partial basement and crawl space. The second floor framing system is composed of 4″x8″ solid beams supported by 4″x6″ posts and joists of 2x8s. The built-up roof is built over 2″x6″ joists on a similar post and beam framework.

The staggered application of 2″x4″ wall studding on 2″x6″ top and bottom plates has been used between apartments to make space for application of sound deadening material. The exterior walls are framed with 2x4s.

The 33′ driveway leading to the off street parking area is spanned by six 7″x19½″ glue laminated beams of West Coast Douglas Fir spaced 8′ o. c. and supported by 7″x4⅞″ glue laminated columns.

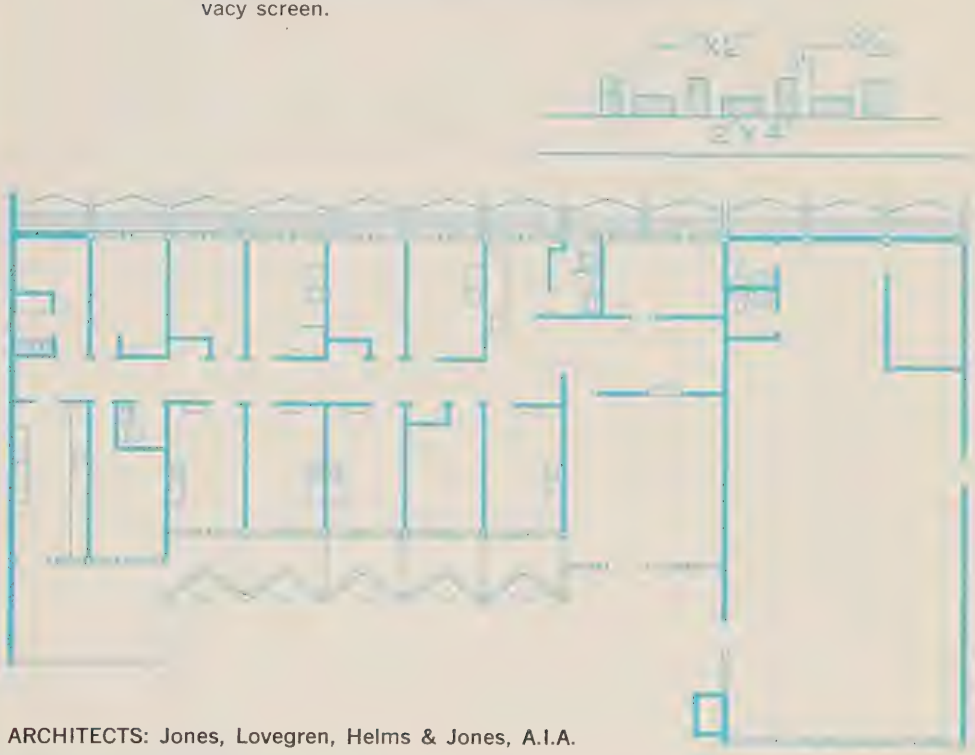
The pleasing pattern of the exterior walls results from the application of 1″x8″ double channel Western Red Cedar siding colored with a pigmented stain.

This apartment is another example of architectural ingenuity in the use of the standard sizes of Coast Region West Coast Lumber to build profitable income-producing property. Complete information on sizes, grades and supply is available in your community . . . call your local retail lumber dealer.

MODERN DESIGN Uses WEST COAST LUMBER

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

Simple application technique of 1″ x 2″ Western Red Cedar produces dramatic, but practical result for privacy screen.



ARCHITECTS: Jones, Lovegren, Helms & Jones, A.I.A.

The intimate charm of a modern residence has been designed into this Bellevue, Washington medical center, located in a residential area. It features the imaginative use of standard sizes and grades of West Coast Lumber. Built on a hillside site, the structure provides 4,850 square feet of space on two floors for five individual office suites and an apothecary shop.

The privacy screen of Western Red Cedar takes its pattern from the simulated folded plate roof which runs immediately above it, horizontal to ground level. The screen provides a visual division of the offices from the upper-level, 16-car parking lot, while allowing a full view and diffusion of early morning and late afternoon sunlight. Character is subtly added to the building by the pattern of the folded plate roof, the function of which is weather protection for the outside entrance corridor.

The apothecary shop and clinic blend into the relaxed suburban atmosphere. The rich, natural appearance of West Coast Lumber offers an impression of friendly welcome to patients, replacing the conventional "sanitary white" for such structures. This building is the second of a medical "complex" planned for the area.

This striking and imaginative interpretation of modern architectural ideas has been accomplished with maximum economy through the practical use of West Coast Lumber's many sizes and grades. You'll find a limitless field of design applications for versatile, practical West Coast Lumber. Your local retail lumber dealer is a convenient supply source.

Technical West Coast Lumber information:

Posts: West Coast Douglas Fir 4″ x 4″, 6″, 8″, 10″. Glue laminated 7″ x 7″ and 7″ x 8″.

Beams: Glue laminated West Coast Douglas Fir 5¼″ x 8″, 5¼″ x 11¼″, 5¼″ x 12⅞″, 5¼″ x 14½″ to various lengths.

Joists: West Coast Douglas Fir 2″ x 6″ spaced 12″ and 16″ o.c.

Subfloor: West Coast Douglas Fir 1″ x 6″ shiplap.

Wall framing: West Coast Hemlock 2″ x 4″.

Roof Deck: West Coast Douglas Fir 2″ x 6″ tongue and groove.

Entrance canopy: West Coast Douglas Fir 2″ x 6″ tongue and groove.

Siding: Western Red Cedar 1″ x 4″ tongue and groove.

Screen: Western Red Cedar 1″ x 2″.

MODERN DESIGN

Uses WEST COAST LUMBER

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

The warm and friendly appeal of West Coast Lumber has been tastefully adapted to modern merchandising in this attractive service station. The popular ranch style design fits into the most critically zoned residential areas to present a needed service with a minimum of commercialism.

The adaptability and the naturally warm feeling expressed by West Coast Lumber in this service station is a practical example of its use in public and customer relations. Character of the business attains individuality that invites positive public reaction.

Here is another example of the adaptation of West Coast Lumber to meet and solve a particular problem, economically. You will find the sizes, grades and technical qualities of West Coast Lumber can meet your most exacting specifications.

Your local retail lumber dealer is your nearest source for information and supply.

Technical West Coast Lumber information:

Posts: West Coast Douglas Fir 6″ x 6″.

Wall Framing: West Coast Douglas Fir 2″ x 6″ for exterior, 2″ x 4″ for interior.

Rafters: West Coast Douglas Fir 6″ x 10″ timbers.

Beams: West Coast Douglas Fir 6″ x 10″ timbers.

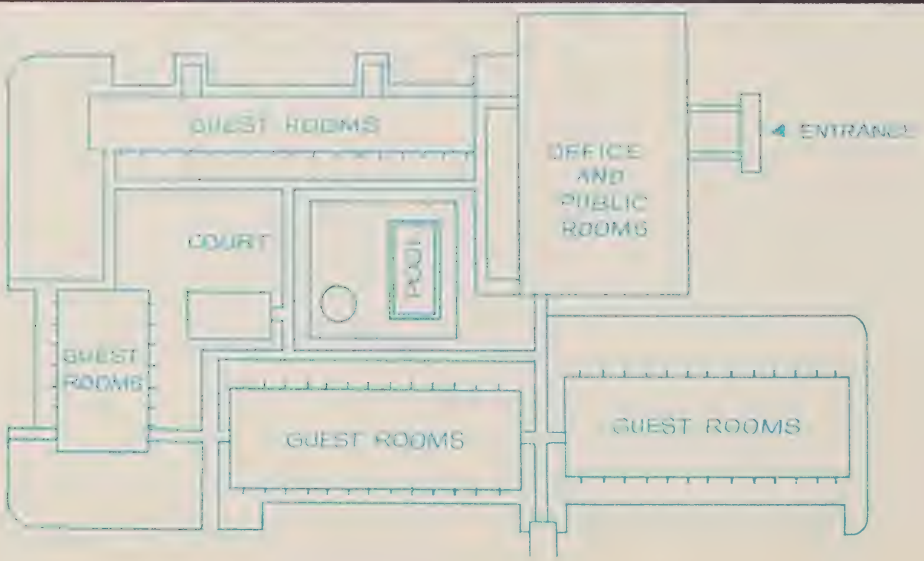
Roof Deck: West Coast Douglas Fir 2″x 6″ tongue and groove.

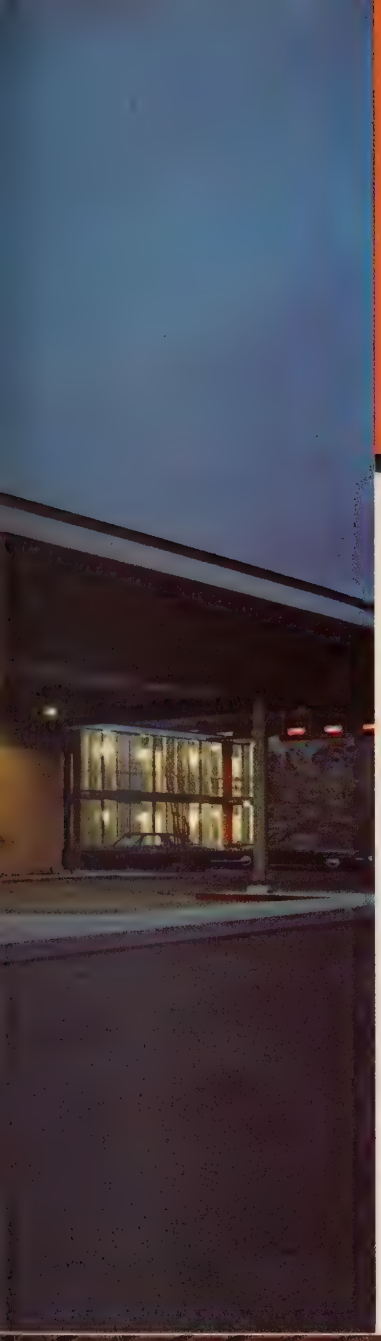
Millwork and Trim: West Coast Douglas Fir.

Facia Boards: Western Red Cedar 2″ x 12″.

Siding: Western Red Cedar 1″ x 6″ reverse board and batten.

ARCHITECT: T. L. Jones, A.I.A.


GUEST ROOMS
OFFICE AND PUBLIC ROOMS
ENTRANCE
COURT
POOL
GUEST ROOMS
GUEST ROOMS
GUEST ROOMS



MODERN DESIGN Uses WEST COAST LUMBER

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

ARCHITECTS:
Skidmore, Owings & Merrill
Roland Terry, Interior design for Puplic Spaces
David T. Williams, Interior design for Guest Rooms
William Teufel, Landscape Architect

An invitation to relax in restful surroundings is extended by the Hilton Inn, at Seattle, Washington, planned and styled to take full advantage of the capabilities of West Coast Lumber.

Located on a major expressway near a busy metropolitan airport, the ground-hugging design of the buildings uses nearby low hills as a sound-shield to reduce noise level from both highway and airport.

Wood vertical siding, in addition to creating an atmosphere of warmth and restfulness, utilizes the great insulating qualities of this natural building material. Wood paneling in guest rooms, lobby and dining areas fulfills the promise offered by the attractive exterior.

Unusual and tasteful features further emphasize architectural ingenuity. Ceilings of spaced West Coast Douglas Fir boards give rooms formal patterns overhead, while Western Red Cedar screens shield glass areas from excessive North and West sunlight.

Let West Coast Lumber versatility help you create a mood for commercial or residential buildings. Your local retail lumber dealer is your source of information and supply.

Technical West Coast Lumber information:

JOISTS: West Coast Douglas Fir 2″ x 10″ spaced 16 o.c. for first floor; 12″ o.c. for second and 24″ o.c. for roof.

WALL FRAMING: West Coast Douglas Fir 2″ x 4″ and 2″ x 6″.

BEAMS: West Coast Douglas Fir glued laminated 7″ x 26″. Purlins are 7″ x 11⅜″.

COLUMNS: West Coast Douglas Fir glued laminated 7″ x 6½″ spaced 7″.

EXTERIOR SIDING: Western Red Cedar 1″ x 3″ tongue and groove flooring pattern.

INTERIOR WALLS: West Coast Douglas Fir 1″ x 3″ tongue and groove flooring, sand blasted.

CEILINGS, PUBLIC ROOMS: Western Red Cedar 1″ x 8″ in combination with exposed insulation material, 2″ x 2″ and 2″ x 6″ tongue and groove and 3″ x 6″ tongue and groove in passage ways.

SUN SCREENS: Western Red Cedar 2″ x 6″ supporting 2″ x 4″ spaced 2″.

FLOOR AREA: Central building, 15,000 sq. ft. Guest rooms: 150 on two floors comprising an area of 52,800 sq. ft.

WEST COAST DOUGLAS FIR
WEST COAST HEMLOCK
WESTERN RED CEDAR
SITKA SPRUCE
WHITE FIR

ARCHITECTS: William J. Bain & Harrison Overturf, A. I. A.
F. M. Smith, Jr., Associate Architect

MODERN DESIGN Uses WEST COAST LUMBER

An interesting wall pattern is developed with the vertical application of ¾" x 10" West Coast Hemlock bevel siding in the club's cocktail lounge.

A variety of sizes and grades of Coast region West Coast Lumber was used to create a harmoniously rustic atmosphere for this Everett, Washington golf and country club.

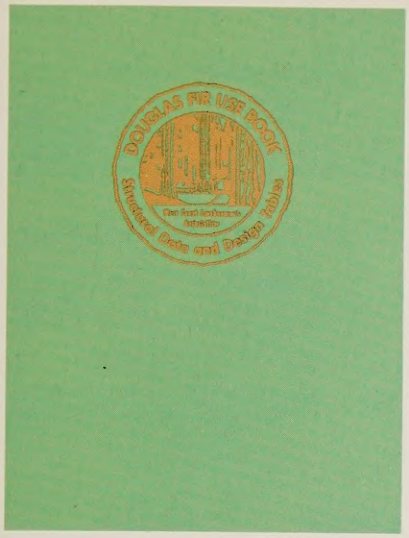
Constructed in two stages to meet the club's financial capabilities, the completed clubhouse offers facilities for the membership's family enjoyment of golf and swimming, then serves equally well as a social center for both formal and informal gatherings.

Paneling in the social rooms are of West Coast Hemlock and Western Red Cedar, applied to a hemlock framework. Interesting grain patterns and the natural, beautiful colors of these species provide a warm welcome. Equally important, the ease of upkeep saves time and eliminates the need for redecorating for years to come.

Your design objective is reached easily and simply through the use of a variety of sizes and grades available in Coast region West Coast Lumber. Ask your retail lumber dealer. He is your dependable source for planning information and supply.

Technical West Coast Lumber Information:
Joists: 2" x 10", 2" x 12" West Coast Hemlock.
Wall Framing: 2" x 4" West Coast Hemlock.
Beams: 7" x 17⅞", 7" x 21½", 9" x 17⅞", 11" x 17⅞", 9" x 19½", 5¼" x 13" glue laminated West Coast Douglas Fir.
Roof Trusses: 64' and 60' widths made of 2" x 12", 2" x 8" West Coast Douglas Fir.
Roof Decking: 3" x 6" tongue and groove, end matched West Coast Douglas Fir. 4" x 6" tongue and groove Western Red Cedar exposed in dining room.
Panelings: 1" x 6" Western Red Cedar, ¾" x 10" West Coast Hemlock bevel siding.
Siding: Western Red Cedar ¾" x 10" bevel siding, 1" x 10" boards, 1" x 10" boards with 1" x 3" battens and 1" x 10" reverse board and batten.
Fencing: 1" x 3" Western Red Cedar spaced 1" applied to 2" x 4" West Coast Douglas Fir rails and 4" x 6" posts around swimming pool.
Millwork: Fir and Hemlock.
Lockers: West Coast Hemlock.
Exterior Finish: Penetrating stain.
Building Area: 86'-8" x 272'-4" (16,570 sq. ft.). Basement: 9,455 sq. ft. Terrace: 8,000 sq. ft. Swimming pool: 30' x 75'.

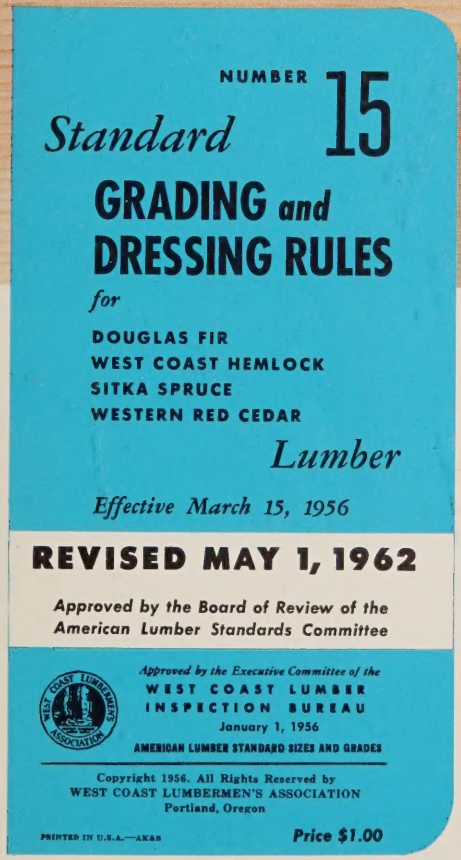
The Church should have a tapering
spire,
To point to realms where sin's forgiven,
And lead men's thoughts from earth to
heaven.
. . . I like a tower
It speaks of strength, of might, of
power—
An emblem of the Church's strength
To overcome the world at length.
John E. Woodrow
(1905)
ARCHITECT:
Warren Weber,
A.I.A.
For Church building information write . . .
RED CEDAR SHINGLE BUREAU
5510 WHITE BUILDING, SEATTLE, WASHINGTON
In Canada: 550 Burrard Street, Vancouver 1, B. C.
WEST COAST LUMBERMEN'S ASSOCIATION
1410 S. W. MORRISON STREET, PORTLAND 5, OREGON



DOUGLAS FIR USE BOOK—STRUCTURAL DATA and DESIGN TABLES. Revised 1961 Edition, 312 pages of technical information for Architects and Engineers. Full of valuable information that saves time in designing and specification writing.

This publication has been commended with the A.I.A. Exceptional Merit Award. Price: $5.00. Order your copy from:

Technical Services Department
West Coast Lumbermen's Association
1410 S. W. Morrison Street
Portland 5, Oregon



STANDARD GRADING AND DRESSING RULES, Revised Edition. Pocket sized, 3½" x 6½" contains 365 pages of technical grading definitions of the Coast region species of West Coast Lumber—West Coast Douglas Fir, West Coast Hemlock, Western Red Cedar, Sitka Spruce and White Fir.

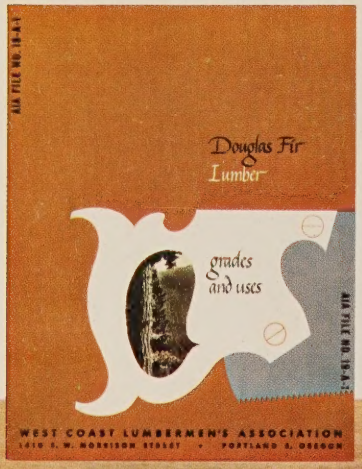
Standard sizes and patterns of the Coast regions species are illustrated and explained for your planning and specifications. For your FREE copy write:

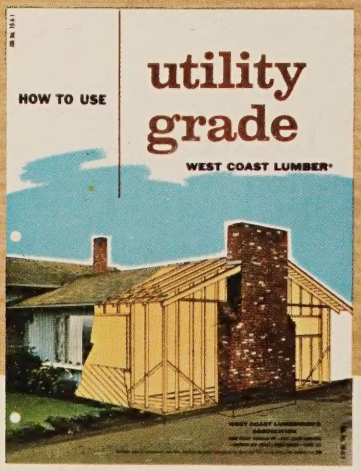
West Coast Lumber Inspection Bureau, 1410 S. W. Morrison St., Portland 5, Oregon

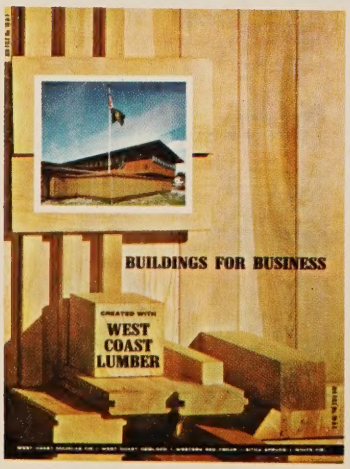
WEST COAST DOUGLAS FIR Lumber Grades and Uses. Concise information concerning species' characteristics, sizes, grades, shipping weights, conversion tables, uses. Grades and a wide variety of uses are pictured. 44 pages, 8½" x 11".

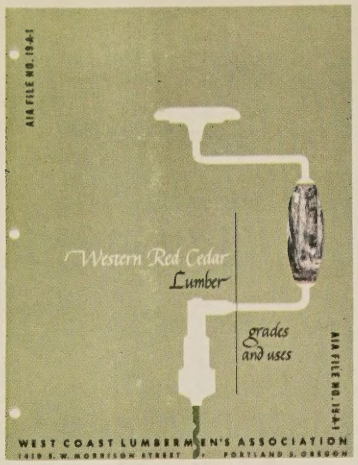
HOW TO USE UTILITY GRADE West Coast Lumber. Full-color pictures point out the money-saving qualities of this popular grade. Spans in accordance with FHA MPS are tabulated. Eight pages, 8½" x 11".

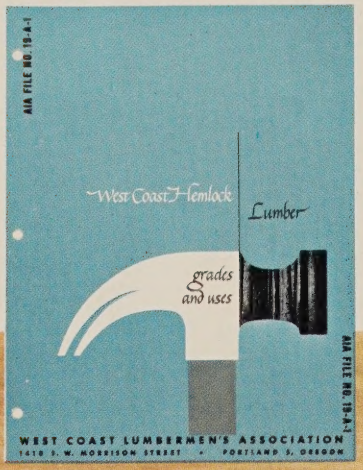
BUILDINGS FOR BUSINESS. Full-color illustrations of 28 different modern business buildings designed and built with standard sizes and grades of West Coast Lumber. Twelve pages, 8½" x 11".

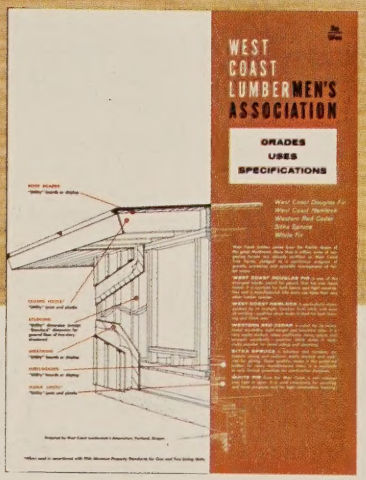










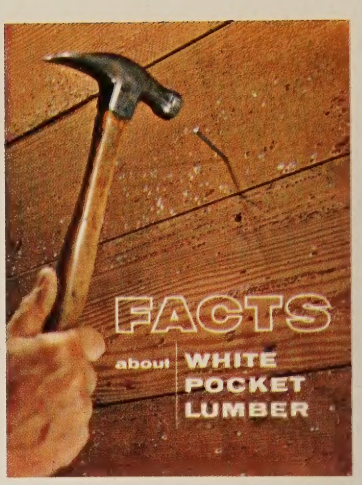


WESTERN RED CEDAR Lumber Grades and Uses. Contains information on growth characteristics, grades, sizes, conversion tables and application. Grades and uses are illustrated, 36 pages, 8½" x 11".

WEST COAST HEMLOCK Lumber Grades and Uses. Explains growth characteristics, grades, sizes. Conversion tables aid in specifications. Uses and grades are illustrated. 44 pages, 8½" x 11".

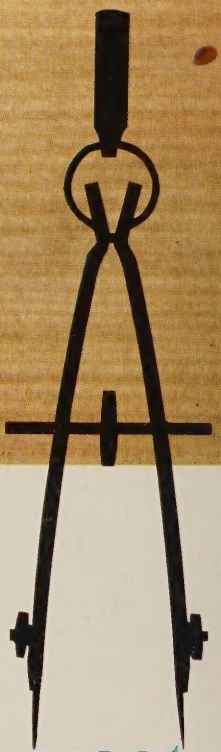
GRADES-USES-SPECIFICATIONS for all species of Coast region West Coast Lumber. Provides illustrations and specifications of West Coast species with conversion tables. Twenty pages, 8½" x 11".

FREE for YOUR FILES are the informative booklets described on this page. Address your request to . . .



FACTS about WHITE POCKET. The Structural qualities of white pocket (white speck) West Coast Lumber for modern building are fully explained in this full-color 8-page, file-size book. Also illustrates uses for this type of West Coast Lumber.

WEST COAST HEMLOC



west coast lumbermen's ASSOCIATION

1410
S. W. Morrison St.,
Portland 5,
Oregon